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AMENDMENTS TO THE CLAIMS

Please amend claims 1, 3-5, 7, 9-12, 14-15, 17, 19-21, 23, 25-28, 33, 35-37, 39, 41-44, and 49-50; cancel claims 2, 6, 8, 18, 22, 24, 34, 38, and 40 without prejudice; and add new claims 51-56. The following listing of claims replaces all prior versions, and listings, of claims in the application.

Claim 1 (currently amended): A computer implemented method for automated processing of applications by a business applications server comprising the acts of:

- receiving a ~~communication from a first server~~ method call relating to a business object at the business application server;
- ~~translating a content of the communication into a format for processing by the business applications server performing core services, in response to the method call, to permit performance of operations on the business object, the core services including at least an auditing service, an internationalization service, and a security service;~~
- ~~using a set of~~ applying metadata to define properties and behavior of the ~~translated content of the communication~~ business object; and
- ~~processing the translated content of the communication using a code path defined by a persistence framework~~ utilizing a persistence framework to affect a state of the business object.

Claim 2 (canceled)

Claim 3 (currently amended): The computer implemented method of claim 1 wherein the ~~communication from a first server is in a SabaEntityBean API format~~ method call is based on an Enterprise JavaBean (EJB) entity beans model.

Claim 4 (currently amended): The computer implemented method of claim 1 wherein the ~~communication from a first server is in a SabaSessionBean API format~~ method call is based on an Enterprise JavaBean (EJB) session beans model.

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Claim 5 (currently amended): The computer implemented method of claim 1 wherein the ~~communication from a first server is in an XML format designated a Saba Canonical Format~~ method call is based on an XML-based model.

Claim 6 (canceled)

Claim 7 (currently amended): The computer implemented method of claim 1 wherein the ~~processing by the business applications server is driven by a persistence framework~~ is configured to save or restore the state of the business object for saving and restoring state of business objects.

Claim 8 (canceled)

Claim 9 (currently amended): The computer implemented method of claim ~~[[8]]~~ 1 wherein the ~~set of core services for performing operations on business objects comprises security service controls user access to perform operations on the business object services to control user access to such operations on business objects.~~

Claim 10 (currently amended): The computer implemented method of claim ~~[[8]]~~ 1 wherein the ~~set of core services for performing operations on business objects comprises~~ include event monitoring and notification services.

Claim 11 (currently amended): The computer implemented method of claim ~~[[8]]~~ 1 wherein the ~~set of core services for performing operations on business objects comprises~~ include mechanisms for enabling and disabling business rules that affect workflow and behavior of the business object ~~objects.~~

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Claim 12 (currently amended): The computer implemented method of claim 1 wherein ~~the set of metadata define~~ defines class properties and behavior for each class of business object and wherein the metadata are stored as distinct, editable information.

Claim 13 (original): The computer implemented method of claim 12 wherein the class properties and behavior for each class of business object which can be dynamically modified comprise labels used to display object information, type of data validation to be performed and amount of custom information associated with a given object.

Claim 14 (currently amended): The computer implemented method of claim 1 wherein ~~[[the]] a~~ code path defined by the persistence framework comprises code to create new objects, restore and update existing objects, delete objects and find objects.

Claim 15 (currently amended): The computer implemented method of claim 1 wherein ~~[[the]] a~~ code path defined by the persistence framework comprises a set of Java code and database stored procedures to construct and verify object data.

Claim 16 (original): The computer implemented method of claim 15 wherein the code path defined by the persistence framework further comprises SQL commands to save and restore information using a relational database.

Claim 17 (currently amended): An apparatus for implementing a business application comprising:

- a business application server adapted to receive a method call relating to a business object an electronic communication from a first server;
- ~~a translator coupled to the business application server to convert a content of the communication into a format for processing by a first processor mechanism in the business applications server configured to perform core services, in response to the method call, to permit performance of~~

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operations on the business object, the core services including at least an auditing service, an internationalization service, and a security service;

- a ~~first~~ second processor mechanism in the business applications server ~~to use a set of configured to apply metadata to define properties and behavior of the business object converted content of the communication;~~ and
- a ~~second~~ third processor mechanism in the business applications server configured to process the ~~converted content of the communication~~ business object using a code path defined by a persistence framework.

Claim 18 (canceled)

Claim 19 (currently amended): The apparatus of claim 17 wherein the ~~communication from a first server is in a SabaEntityBean API format~~ method call is based on an Enterprise JavaBean (EJB) entity beans model.

Claim 20 (currently amended): The apparatus of claim 17 wherein the ~~communication from a first server is in a SabaSessionBean API format~~ method call is based in an Enterprise JavaBean (EJB) session beans model.

Claim 21 (currently amended): The apparatus of claim 17 wherein the ~~communication from a first server is in an XML format designated a Saba Canonical Format~~ method call is based on an XML-based model.

Claim 22 (canceled)

Claim 23 (currently amended): The apparatus of claim 17 wherein the ~~processing by the business applications server is driven by a persistence framework~~ is configured for saving and restoring state of the business object ~~objects~~.

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Claim 24 (canceled)

Claim 25 (currently amended): The apparatus of claim [[24]] 17 wherein the ~~set of core services for performing operations on business objects comprises~~ security service controls user access to perform operations on the business object services to control user access to such operations on business objects.

Claim 26 (currently amended): The apparatus of claim [[24]] 17 wherein the ~~set of core services for performing operations on business objects comprises~~ include event monitoring and notification services.

Claim 27 (currently amended): The apparatus of claim [[24]] 17 wherein the ~~set of core services for performing operations on business objects comprises~~ include mechanisms for enabling and disabling business rules that affect workflow and behavior of the business object objects.

Claim 28 (currently amended): The apparatus of claim 17 wherein the ~~set of~~ metadata defines define class properties and behavior for each class of business object and wherein the metadata are stored as distinct, editable information.

Claim 29 (original): The apparatus of claim 28 wherein the class properties and behavior for each class of business object which can be dynamically modified comprise labels used to display object information, type of data validation to be performed and amount of custom information associated with a given object.

Claim 30 (original): The apparatus of claim 17 wherein the code path defined by the persistence framework comprises code to create new objects, restore and update existing objects, delete objects and find objects.

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Claim 31 (original): The apparatus of claim 17 wherein the code path defined by the persistence framework comprises a set of Java code and database stored procedures to construct and verify object data;

Claim 32 (original): The apparatus of claim 17 wherein the code path defined by the persistence framework further comprises SQL commands to save and restore information using a relational database.

Claim 33 (currently amended): A computer program product stored on a computed readable medium, comprising[[:]]:

- a first computer readable program mechanism for receiving a method call relating to a business object communication from a first server;
- a second computer readable program mechanism for performing core services, in response to the method call, to permit performance of operations on the business object translating a content of the communication into a format for processing by a business applications server, wherein the core services include at least an auditing service, an internationalization service, and a security service;
- a third computer readable code mechanism for using a set of applying metadata to define properties and behavior of the business object translated content of the communication; and
- a fourth computer readable code mechanism for affecting a state of the business object processing the translated content of the communication using a code path defined by a persistence framework.

Claim 34 (canceled)

Claim 35 (currently amended): The computer program product of claim 33 wherein the ~~communication from a first server is in a SabaEntityBean API format~~ method call is based on an Enterprise JavaBean (EJB) entity beans model.

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Claim 36 (currently amended): The computer program product of claim 33 wherein ~~the communication from a first server is in a SabaSessionBean API format.~~ method call is based on an Enterprise JavaBean (EJB) session beans model.

Claim 37 (currently amended): The computer program product of claim 33 wherein ~~the communication from a first server is in an XML format designated a Saba Canonical Format~~ method call is based on an XML-based model.

Claim 38 (canceled)

Claim 39 (currently amended): The computer program product of claim 33 wherein ~~the processing by the business applications server is driven by a persistence framework is~~ configured for saving and restoring state of the business object objects.

Claim 40 (canceled)

Claim 41 (currently amended): The computer program product of claim ~~[[40]]~~ 33 wherein ~~the set of core services for performing operations on business objects comprises security service controls user access to perform operations on the business object services to control user access to such operations on business objects.~~

Claim 42 (currently amended): The computer program product of claim ~~[[40]]~~ 33 wherein ~~the set of core services for performing operations on business objects comprises~~ include event monitoring and notification services.

Claim 43 (currently amended): The computer program product of claim ~~[[40]]~~ 33 wherein ~~the set of core services for performing operations on business objects comprises~~ include mechanisms for enabling and disabling business rules that affect workflow and behavior of the business object objects.

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Claim 44 (currently amended): The computer program product of claim 33 wherein the set of metadata ~~define~~ defines class properties and behavior for each class of business object and wherein the metadata are stored as distinct, editable information.

Claim 45 (original): The computer program product of claim 44 wherein the class properties and behavior for each class of business object which can be dynamically modified comprise labels used to display object information, type of data validation to be performed and amount of custom information associated with a given object.

Claim 46 (original): The computer program product of claim 33 wherein the code path defined by the persistence framework comprises code to create new objects, restore and update existing objects, delete objects and find objects.

Claim 47 (original): The computer program product of claim 33 wherein the code path defined by the persistence framework comprises a set of Java code and database stored procedures to construct and verify object data.

Claim 48 (original): The computer program product of claim 47 wherein the code path defined by the persistence framework further comprises SQL commands to save and restore information using a relational database.

Claim 49 (currently amended): A computer implemented method for automated processing of applications by a business applications server comprising the acts of:

- receiving a ~~communication~~ method call relating to a business object from a first server;
- ~~translating a content of the communication into a format for processing performing core services, in response to the method call, to permit performance of operations on the business object~~ by the business applications server;

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- using a set of metadata to define properties and behavior of the ~~translated content of the communication~~ business object; and
- ~~processing the translated content of the communication~~ utilizing a persistence framework to affect a state of the business object, wherein operations on the business object is prevented based on the performed core services using a code path defined by a persistence framework, wherein persistence code is itself part of the set of metadata.

Claim 50 (currently amended): The computer implemented method of claim 49 wherein the persistence ~~code which is itself~~ framework is part of the set of metadata comprises SQL commands for save and restore.

Claim 51 (new): The computer implemented method of claim 1 wherein the auditing service tracks changes to the business object.

Claim 52 (new): The computer implemented method of claim 1 wherein the internationalization service manages culture specific data associated with the business object.

Claim 53 (new): The computer implemented method of claim 49 wherein the core services include at least an auditing service, an internationalization service, and a security service.

Claim 54 (new): The computer implemented method of claim 53 wherein the auditing service tracks changes to the business object.

Claim 55 (new): The computer implemented method of claim 53 wherein the internationalization service manages culture specific data associated with the business object.

Claim 56 (new): The computer implemented method of claim 53 wherein the security service controls user access to perform operations on the business object.

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